

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P25624APCT	<b>FOR FURTHER ACTION</b>	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/US02/41424	International filing date ( <i>day/month/year</i> ) 27 December 2002 (27.12.2002)	(Earliest) Priority Date ( <i>day/month/year</i> ) 28 December 2001 (28.12.2001)
Applicant ILLINOIS TOOL WORKS INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the Report**

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

Please See Continuation Sheet

5. With regard to the abstract,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. \_\_\_\_\_



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/41424

### Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The abstract does not meet the requirements of PCT Rule 8.1 because the technical problem and the gist of its solution is not found. The following new abstract is provided.

#### NEW ABSTRACT

An adhesive for anchoring materials in or to concrete or masonry exhibits a shorter cure time than previous adhesives and comprises an epoxy compound and a curing agent of at least one aliphatic amine and at least one tertiary amine, optionally with a reactive diluent, which possesses sufficient strength to pass the ICBO Heat Creep Test at 110 degrees F and the ICBO Damp Hole Test at 75 degrees F.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/41424

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C08G 59/50, 59/54, 59/56; C08L 63/00, 63/02

US CL : 525/423, 523; 528/120, 121, 122, 123

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 525/423, 523; 528/120, 121, 122, 123

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
CAS Online: Files REG and CAPLUS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 6,291,555 B1 (SURJAN et al.) 18 September 2001 (18.09.01), column 2, lines 14-16; column 4, lines 28-31 and 40-48; and column 5, lines 21-25 and 46-55.	1-12, 18 and 19 13-17
T	US 6,403,678 B1 (SURJAN et al.) 11 June 2002 (11.06.02), column 2, lines 11-12; column 5, lines 24-27 and 36-44; and column 6, lines 17-22 and 42-55.	1-12, 18 and 19
T	US 6,420,458 B1 (SURJAN et al.) 16 July 2002 (16.07.02), column 2, lines 11-13 and 19-29; column 3, lines 44-47 and 56-64; column 4, lines 36-40 and 61-67; and column 5, lines 1-7.	1-12, 18 and 19
X — Y	US 5,962,602 A (HARTMAN et al.) 05 October 1999 (05.10.99), column 2, lines 52-60 and column 3, lines 14-32 and 47-66.	1-19 1-19
Y	JP 2001-240837 A2 (SANYO CHEMICAL IND.) 09 April 2001 (09.04.01), abstract AB and IT term for 90-72-2, DMP 30.	1-12, 18 and 19

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

01 April 2003 (01.04.2003)

Date of mailing of the international search report

25 APR 2003

Name and mailing address of the ISA/US

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# INTERNATIONAL SEARCH REPORT

PCT/US02/41424

## Continuation of Item 4 of the first sheet:

The title does not meet the requirements of PCT Rule 4.3 because it does not precisely indicate the subject matter. The following new title is provided.

NEW TITLE: ADHESIVE OF EPOXY COMPOUND, ALIPHATIC AMINE AND TERTIARY AMINE